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Date of Deposit: November 12, 2002

Attorney Docket No. 21486-026CIP

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Gregory D. Jay

SERIAL NUMBER: 09/556,246

EXAMINER: R. Mitra

FILING DATE: April 24, 2000

ART UNIT: 1633

FOR: TRIBONECTINS

November 21, 2002

Boston, Massachusetts

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Commissioner for Patents  
Washington, D.C. 20231

TECH CENTER 1600 2000

TRANSMITTAL LETTER

Sir:

Transmitted herewith for filing in the present application are the following documents:

- ☒ Amendment and Response to Office Action (13 pgs.);
- ☒ Petition for Extension of Time (1 pg., in duplicate);
- ☒ Check # 14706 in the amount of \$460.00; and
- ☒ Return Postcard.

If the enclosed papers are considered incomplete, the Mail Room is respectfully requested to contact the undersigned collect at (617) 542-6000, Boston, Massachusetts. The Commissioner is authorized to credit any overpayment or charge any deficiencies to Deposit Account No. 50-0311, Reference No. 21486-026CIP. A duplicate copy of this Transmittal Letter is enclosed.

Respectfully submitted,

*Ingrid Beattie*

Ingrid Beattie 42,306

Attorney for Applicants

c/o MINTZ LEVIN COHN FERRIS

GLOVSKY & POPEO, PC

One Financial Center

Boston, Massachusetts 02111

Tel.: (617) 542 6000

Fax: (617) 542-2241



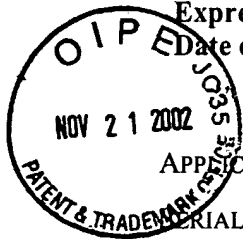
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PATENT TRADEMARK OFFICE

Express Mailing Label No. EV138527823US

Date of Deposit: November 21, 2002

Attorney Docket No. 21486-026CIP



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# 13/A  
JM  
12/23/02

AMENDMENT AND RESPONSE

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Please amend the application as follows:

*In the Claims:*

Cancel claims 7-9, 14, 15, 20, 22, 24, 26 30-39, and 42-54.

Amend claims 1, 3-6, 10, 13, 16-19, 21, 23, 25, 27-29, and 40.

Add new claims 55-59.

A<sup>1</sup>  
1. A tribonectin comprising a boundary-lubricating amount of a polypeptide, said polypeptide comprising the amino acid sequence of SEQ ID NO:1 and at least one O-linked oligosaccharide moiety.

2. The tribonectin of claim 1, wherein said moiety is a  $\beta(1-3)$ Gal-GalNAc moiety.

A<sup>2</sup>  
3. A tribonectin comprising a boundary-lubricating amount of a fragment of SEQ ID NO:1, wherein said fragment comprises amino acids 1 to 24 and 200 to 1404 of SEQ ID NO:1 and lacks amino acids 25-199 of SEQ ID NO:1.